

## SAFETY DATA SHEET

<b>SECTION 1: IDENTIFICATION</b>	
PRODUCT NUMBER:	50235
PRODUCT NAME:	FP5
SYNONYMS/OTHER MEANS OF IDENTIFICATION:	NON-MEDICATED ADDITIVE
INTENDED USE:	Animal Feed Ingredient
MANUFACTURER:	<b>CSA Animal Nutrition, LLC</b> <b>6640 Poe Ave., Suite 225</b> <b>Dayton, OH 45414, United States</b>
SDS INFORMATION	<b>PHONE: (+1) 866-615-8084 (business hours)</b> E-MAIL: <a href="mailto:CSAInfo@CSAAnimalnutrition.com">CSAInfo@CSAAnimalnutrition.com</a> URL: <a href="https://csaanimalnutrition.com/">https://csaanimalnutrition.com/</a>
<b>SECTION 2: HAZARD(S) IDENTIFICATION</b>	
<b>GHS CLASSIFICATION</b> Acute Toxicity, Oral – Category 4 Acute Toxicity, Dermal – Category 5 Serious Eye Damage – Category 1 Skin sensitization – Category 1 Reproductive Toxicity – Category 1B Acute Aquatic Toxicity – Category 1	
   	
<b>SIGNAL WORDS:</b> Danger!	
<b>HAZARD STATEMENTS</b> May form combustible dust concentrations in air. H302: Harmful if swallowed. H313: May be harmful to skin. H317: May cause an allergic skin reaction. H318+H319: Causes serious eye damage and irritation. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H360: May damage fertility or the unborn child. H400: Very toxic to aquatic life.	
<b>PRECAUTIONARY STATEMENTS</b> <b>Prevention</b> P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P261: Avoid breathing dust. P264: Wash thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment.	

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P281: Wear protective equipment for hands, eyes, face and respiratory tract.

P284: In case of inadequate ventilation – wear respiratory protection.

### OTHER HAZARDS

Contact with acids or water liberates toxic sulfur dioxide gas.

#### Response:

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305, P351, P338: - If in Eyes – Rinse with water for several minutes. Remove contact lenses if present and continue rinsing.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

#### Disposal:

P501: Dispose of contents/container to an approved waste disposal facility.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT/CASRN/CONCENTRATION

Sodium Metabisulfite/CAS007681-57-4/93.10%

Sodium Sulfite/CAS007757-83-7/0.95%

Sodium Sulfate/CAS007757-82-6/0.95%

Quinoline, 6-Ethoxy-1,2-dihydro-2,2,4-trimethyl/CAS91-53-2/2.000%

Zinc Hydroxychloride/CAS12167-79-2/0.909%

Capsicum Oleoresin/CAS8023-77-6/0.391%

Manganese Hydrochloride/CAS39438-40-9/0.455%

Nicotinamide/CAS98-92-0/<1.0%

Menadione Nicotinamide Bisulfite/CAS73581-79-0/<1.0%

Pyridoxine Hydrochloride/CAS58-56-0/<1.0%

Retinol Acetate/CAS127-47-9/<1.0%

## SECTION 4: FIRST AID MEASURES

### FIRST AID:

- **Eyes:** If in eyes rinse cautiously with water for at least 15 minutes. Remove contact lenses if easy to do continue rinsing. Seek medical attention.
- **Skin:** Immediately take off all contaminated clothing. Wash thoroughly with water for at least 15 minutes. Wash contaminated clothes before reuse. Seek immediate medical attention.
- **Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.
- **Ingestion:** Rinse mouth. Never give anything by mouth to unconscious person. Seek medical attention.

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**Seek appropriate medical attention and provide this SDS to attending doctor.**

*Note to physician: Exposure may aggravate acute or chronic asthma, emphysema and Bronchitis.*

### SECTION 5: FIREFIGHTING MEASURES

**Flash Point: Not available**

**Flammability: Not available**

**Extinguishing media:**

- Dry powder is recommended.

**Specific hazards during firefighting:** Do not release runoff from fire control methods to sewers and waterways.

**Special Protective Equipment and Precautions for Fire Fighter:**

- Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Minor Spills:**

- Ventilate area to prevent dust, sweep up material and place in a closed container.

**Waste Disposal Methods:** Consult local environmental authorities.

### SECTION 7: HANDLING AND STORAGE

**Handling:**

- Avoid contact with product.
- Avoid dust formation.
- Do not breathe dust.
- Do not drink, eat or smoke during use.
- Use in a well-ventilated place.

**Storage:**

- Store in areas away from heat and moisture and protect from physical damage. Segregate from acids and oxidizers.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection:**

- Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks) wear SCBA.

**Protective Clothing/Equipment:**

- Wear protective gloves, boots and clothing when necessary to prevent excessive skin contact. Wear protective eyeglasses or goggles per OSHA eye and face protection regulations (29CFR 1910.133).

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### Contaminated Equipment:

- Remove this material from personal protective equipment as needed.

### Ventilation:

- Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at the source.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Flash point (method):** n/a

**Flammable limits:** unknown

**Autoignition temperature:** unknown

**Appearance:** Powder

**Solid contents:** 100%

## SECTION 10: STABILITY AND REACTIVITY

### Stability:

- Stable under normal temperature and pressures.

### Conditions to avoid:

- In the presence of water or acid, FP5 may release toxic and hazardous fumes or sulfur oxides, including sulfur dioxide. Acute poisoning from sulfur dioxide is rare because the gas is easily detected. It is so irritating that contact cannot be tolerated. Symptoms include coughing, hoarseness, sneezing, tearing, and breathing difficulty. However, workers who cannot escape high accidental exposure may suffer severe pulmonary damage which can be fatal. Ignition sources, excess heat, sunlight, exposure to moist air or water.
- Heat

### Possibility of hazardous reactions:

- Reacts with water and steam to form corrosive sulfurous acid. Reacts with chlorates to form unstable chlorine dioxide.

### Incompatible chemicals:

- Incompatible with acids and water.

### Hazardous decomposition:

- May release hazardous sulfur dioxide gas.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Chronic Effects:** Prolonged or repeated exposure may cause dermatitis and sensitization reactions. Exposure to asthmatic, atopic and sulfite sensitive individuals can result in expiratory volume. Decomposition may release toxic and hazardous fumes or sulfur oxides, including sulfur dioxide, which may cause permanent pulmonary impairments from acute and chronic exposure.

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### SECTION 12: ECOLOGICAL INFORMATION: (NON-MANDATORY)

**Toxicity (Ecotoxicity):** Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

**Product Toxicity:** No data is available.

**Bio accumulative potential(Predicted):** Significant accumulation in organisms is not to be expected.

**Mobility in soil:** No data is available.

**Other adverse effects.** No data is available.

### SECTION 13: DISPOSAL CONSIDERATIONS: (NON-MANDATORY)

**Disposal Considerations:** Dispose of in accordance with local, state, and federal regulations.

### SECTION 14: TRANSPORT INFORMATION: (NON-MANDATORY)

This product is considered to be Non-Hazardous for transport.

### SECTION 15: REGULATORY INFORMATION: (NON-MANDATORY)

### SECTION 16: OTHER INFORMATION:

Revision Number: 02  
Date of Issue: 01/21/2019  
Revision Due Date: 09/23/2019

In accordance with OSHA's hazard communication standard (HCS) all materials which constitute 1% or more of this product and meet the standard's definition of hazardous materials, or that constitute 0.1% or more and meet the standard's definition of carcinogens, and or that could be released from the product in excess of established limits should be listed and may require a specific SDS.